Title: ULTRA-WIDEBAND COMMUNICATION
THROUGH A POWER GRID
Filed: 02/10/04 Exp. Mail No.: ER746710164US
Inventor: Santhoff et al. Docket No.: 28CIP-119
Contact: Steve Moore; 760-607-0844
FIGS. 1 and 2 Sheet 1 of 5

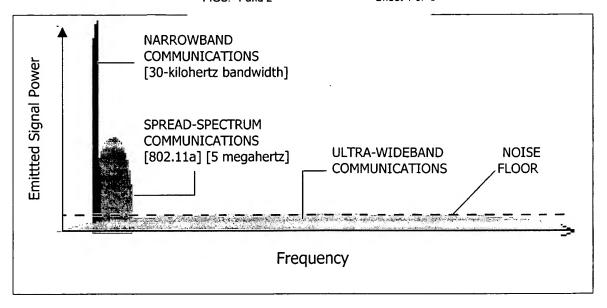


FIG. 1

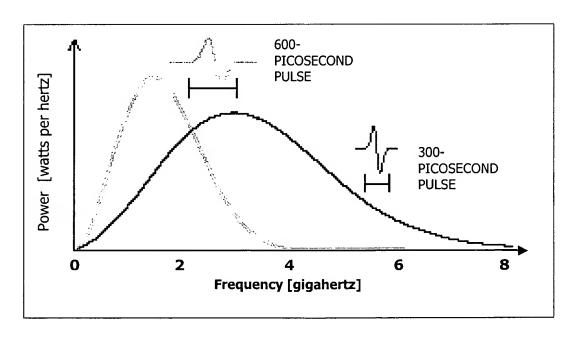
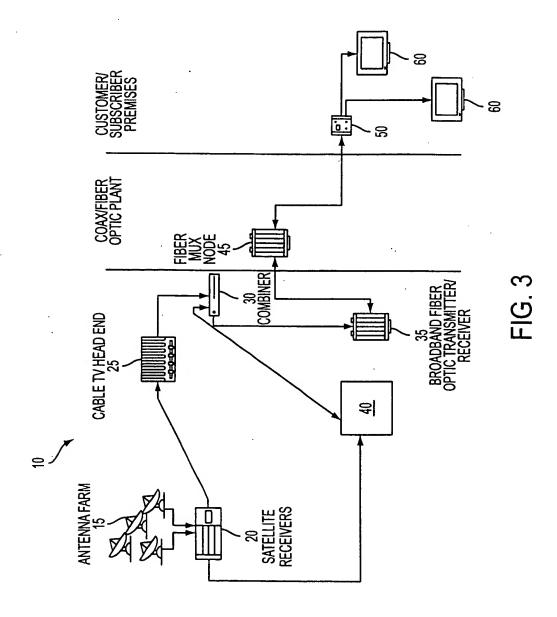
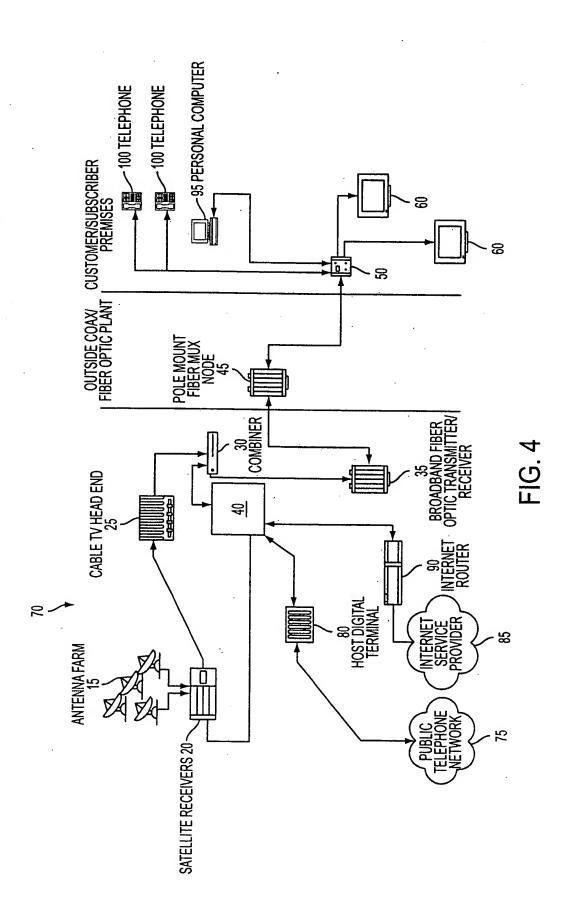


FIG. 2

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Title: ULTRA-WIDEBAND COMMUNICATION THROUGH A POWER GRID Filed: 02/10/04 Exp. Mail No.: ER746710164US Inventor: Santhoff et al. Docket No.: 28CIP-119 Contact: Steve Moore; 760-607-0844 FIG. 4 Sheet 3 of 5



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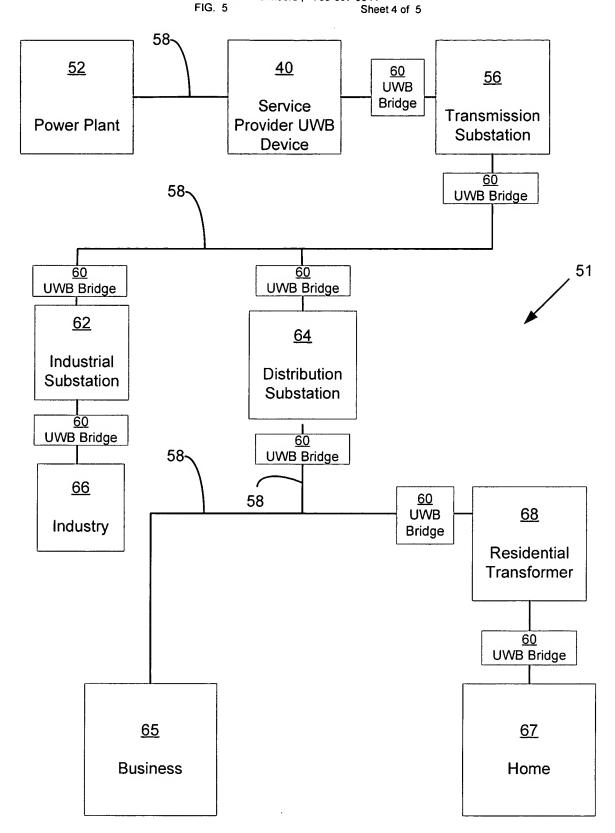


Fig. 5

Title: ULTRA-WIDEBAND COMMUNICATION THROUGH A POWER GRID Filed: 02/10/04 Exp. Mail No.: ER746710164US Inventor: Santhoff et al. Docket No.: 28CIP-119 Contact: Steve Moore; 760-607-0844 FIG. 6 Sheet 5 of 5 305 306 Power Line Isolation 304 Power Line Filter 303 Ultra-Wideband Transceivers 302 Controller

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